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Amendments to the Specification:

Please replace the paragraph on page 5, lines 11-14, with the following amended paragraph:

Typically, the first layer is made of an electrically insulating material. One example of a material that may be utilized to form the first layer is Kapton®. Other materials that may be employed include polyvinylidene difluoride, vinyl, nylon, graphite/epoxy composites, and/or carbon nanotube composites.

Please replace the paragraph on page 6, line 20, to page 7, line 1, with the following amended paragraph:

In one embodiment that includes carbon fiber stiffening rods, the rods 7 are incorporated into the first layer 1. Fig. 3 illustrates a cross-sectional view of such an embodiment. This embodiment includes a first layer 1 formed of Kapton®. In this case, the carbon fibers would be laid up on one surface of Kapton then sandwiched by placing another layer on top of the first and bonding the two by heating above the glass transition temperature.

Please replace the paragraph on page 7, lines 20-22, with the following amended paragraph:

Typically, the second layer 19 is made of an electrically insulating material. One example of a material that may be utilized to form the second layer 19 is Kapton®. Other materials that may be employed include PVDF, vinyl and/or nylon.